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Datasheet for ABIN6979053
anti-ADAP2 antibody (AA 201-300) (Alexa Fluor 594)

Overview

Quantity:	100 µL
Target:	ADAP2
Binding Specificity:	AA 201-300
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADAP2 antibody is conjugated to Alexa Fluor 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Centaurin alpha 2
Isotype:	IgG
Specificity:	Possible cross-reactivity with ADAP1 (85 % homology with the immunogen sequence, 43 kDa)
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ADAP2
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Target Details

Alternative Name: Centaurin alpha 2 ([ADAP2 Products](#))

Background: Synonyms: ADAP2, ADAP2_HUMAN, Arf-GAP with dual PH domain-containing protein 2, ArfGAP with dual PH domains 2, cent b, Centa 2, CENTA2, Centaurin alpha 2, Centaurin alpha 2 protein, Centaurin beta, Centaurin-alpha-2, Cnt-a2, HSA272195.

Background: The ADP-ribosylation factor (ARF) family of small GTP-binding proteins are involved in vesicular transport regulation and in controlling cytoskeletal organization and cell adhesion. The Centaurin GTPase-activating protein family comprise a subset of ARF regulatory molecules that transduce PI 3-kinase activation into coordinated control of ARF-dependent pathways. This family includes ASAP1, ACAP1, ACAP2, AGAP1, ARAP1, ARAP2, Centaurin a1, Centaurin g3 and the recently discovered Centaurin a2. Expressed in a wide variety of tissues such as fat, heart and skeletal muscle, Centaurin a2 is thought to negatively regulate ARF-mediated actin rearrangement by binding activated PI 3-kinase. Although the exact function of Centaurin a2 is not yet known, its high sequence similarity with Centaurin a1 suggests that it may also act as an ARF6 GTPase.

Gene ID: 55803

UniProt: [Q9NPF8](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Handling

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months